



Atty. Docket: RD-29,129

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of:

Inventors: Lowell Scott Smith and  
Douglas G. Wildes

For (title): MICROMACHINED ULTRASONIC TRANSDUCER  
CELLS HAVING COMPLIANT SUPPORT  
STRUCTURE

**1. Type of Application**

This application is an original application.

**2. Papers Enclosed Herewith**

The following papers required for a filing date under 37 CFR 1.53(b) are enclosed:

|           |                           |
|-----------|---------------------------|
| <u>18</u> | Pages of specification    |
| <u>8</u>  | Pages of claims           |
| <u>1</u>  | Page of abstract          |
| <u>4</u>  | Sheets of formal drawings |

The following additional papers are enclosed:

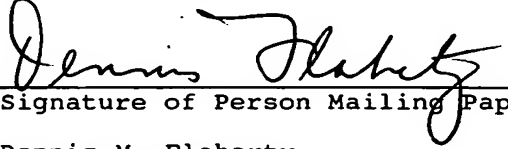
|              |   |
|--------------|---|
| <u>    </u>  | Declaration and Power of Attorney                                     |
| <u>    </u>  | Assignment  |
| <u>    </u>  | Recordation Form Cover Sheet  |
| <u>  X  </u> | Check in amount of \$1,384.00   |
| <u>  X  </u> | Designation of Address for Receipt<br>of Patent Office Correspondence |
| <u>    </u>  | Information Disclosure Statement                                      |
| <u>    </u>  | Form PTO-1449 (modified)  |

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**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed herewith are being deposited with the United States Postal Service on this date December 29, 2003 in an envelope as "Express Mail Post Office to Addressee", Mailing Label Number EV 270963219 US, addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Reg. No. 31,159

  
Signature of Person Mailing Paper  
Dennis M. Flaherty  
Name of Person Mailing Paper



**3. Filing Fee Calculation**

The filing fee has been calculated as follows:

|   |               |       |
|---|---------------|-------|
| Basic fee for large entity              |               | \$770 |
| Total claims in excess of 20            | (= 15) × \$18 | \$270 |
| Total independent claims in excess of 3 | (= 4) × \$86  | \$344 |

Basic Filing Fee Due: \$1,384

**4. Fee Payment Being Made at This Time**

|   |         |
|---|---------|
| <u>X</u> Basic filing fee                     | \$1,384 |
| <u>    </u> Fee for recordation of assignment | 0       |

Total Fees Enclosed: \$1,384

**5. Method of Payment of Fees**

A check in the amount of \$1,384.00 is enclosed to cover the aforementioned basic filing fee.

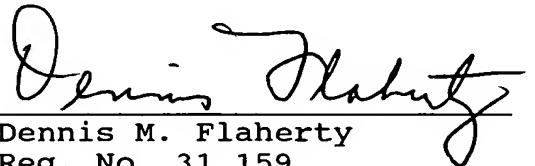
**6. Authorization to Charge Additional Fees**

The Commissioner is hereby authorized to charge any underpayment of fees required for the filing of this application, or credit any overpayment, to Deposit Account No. 15-0699.

The Commissioner is also hereby authorized, at any time during the pendency of this application, to charge any payment of fees required to maintain the pendency of this application to Deposit Account No. 15-0699.

**7. Address for Receipt of Patent Office Correspondence**

All correspondence relating to this application should be sent to the undersigned attorney.



Dennis M. Flaherty  
Reg. No. 31,159  
Ostrager Chong & Flaherty LLP  
825 Third Avenue, 30th Floor  
New York, NY 10022-7519  
Tel. No.: (212) 826-6565

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lowell Scott Smith et al. : Group Art Unit:

Serial No.: To Be Assigned : Examiner:

Filed: Concurrently

Title: MICROMACHINED ULTRASONIC TRANSDUCER  
CELLS HAVING COMPLIANT SUPPORT  
STRUCTURE

Hon. Commissioner of Patents & Trademarks  
Washington, D.C. 20231

**DESIGNATION OF ADDRESS FOR RECEIPT  
OF PATENT OFFICE CORRESPONDENCE**

Sir:

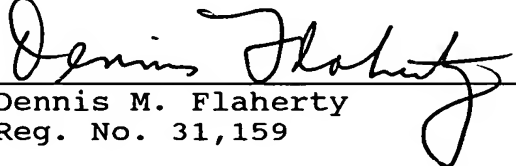
The Applicants hereby request that all correspondence,  
telephone calls and other communications in connection with the  
above-identified patent application be addressed to:

Dennis M. Flaherty, Esq.  
Ostrager Chong & Flaherty LLP  
825 Third Avenue, 30th Floor  
New York NY 10022-7519

Tele. No.: 212-826-6565  
Fax No.: 212-826-5909  
e-mail: dflaherty@ocflaw.com

Respectfully submitted,

December 29, 2003  
Date

  
Dennis M. Flaherty  
Reg. No. 31,159